

**McCLELLAN AIR FORCE BASE
BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP PLAN**

DRAFT FINAL

FOR

McCLELLAN AFB/EM
McCLELLAN AFB, CALIFORNIA 95652-1389

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LIST OF ACRONYMS AND ABBREVIATIONS

AAFES	Army and Air Forces Exchange Service
A/C	Authority to Construct
ACCS	Accumulation Site
ACM	Asbestos-Containing Materials
AFB	Air Force Base
AFBCA	Air Force Base Conversion Agency
AFCEE	Air Force Center for Environmental Excellence
AFGE	American Federation of Government Employees
AFMC	Air Force Materiel Command
AFR	Air Force Regulation
AFSA	Air Force Safety Agency
ALC	Air Logistics Center
AMC	Air Mobility Command
ANSC	Area of No Suspected Contamination
AOC	Area of Concern
AR	Administrative Record
ARAR	Applicable or Relevant and Appropriate Requirement
ARCS	Alternative Remedial Contract Strategy
ARPA	Advanced Research Projects Agency
ARW	Air Refueling Wing
ASI	Alternative Systems Incorporated
ASR	Air Surveillance Radar
AST	Aboveground Storage Tank
ATSDR	Agency for Toxic Substances and Disease Registry
AVGAS	Aviation Gasoline
BACT	Best Available Control Technology
Base	Air Force Base
BCA	Base Conversion Agency
BCP	BRAC Cleanup Plan
BCT	BRAC Cleanup Team
BEC	BRAC Environmental Coordinator
BEST	BRAC Environmental Support Team
bgs	below ground surface
BRAC	Base Realignment and Closure
BTC	Base Transition Coordinator
BUPR	Bottom Up Program Review
CA	Conditionally Authorized
CAA	Clean Air Act
CAAA	Clean Air Act Amendments of 1990
Cal/EPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CANG	California Air National Guard
CAP	Community Assistance Panel
CatOx	Catalytic Oxidation
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CE	Civil Engineering Squadron

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

CEG	Civil Engineering Group
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
CERP	Casting Emission Reduction Program
CESA	California Endangered Species Act
CETP	California Environmental Technology Partnership
CFC	Chlorofluorocarbon
cfm	Cubic Feet Per Minute
CFR	Code of Federal Regulations
CL	Directorate of Base Closure and Competition
CNDDB	California Department of Fish and Game's Natural Diversity Database
CO	Carbon monoxide
COTS	Commercial Off-The-Shelf
Council	Advisory Council on Historic Preservation
CPME	Calibrate Performance Monitoring Equipment
CPT	Cone Penetrometer Test
CR	Community Relations
CRP	Community Relations Plan
CRMP	Cultural Resources Management Plan
CS	Confirmed Site
CSF	Conforming Storage Facility
CWA	Clean Water Act
 dB	 Decibels
DCE	Dichloroethene
DERA	Defense Environmental Restoration Act
DERP	Defense Environmental Restoration Program
DHS	Department of Health Services (California)
DISA	Defense Information Service
DLA	Defense Logistics Agency
DNAPL	Dense Non-Aqueous Phase Liquid
DO IT	Development of Innovative Technology
DoD	Department of Defense
DOE	Department of Energy
DQM	Data Quality Management
DQO	Data Quality Objective
DPE	Dual-Phase Extraction
DRE	Destruction and Removal Efficiency
DRMO	Defense Reutilization and Marketing Office
DSR	Deliverable Status Report
DTSC	Department of Toxic Substances Control
 E-Beam	 Electron Beam
EA	Environmental Assessment
EBS	Environmental Baseline Survey
ECAMP	Environmental Compliance Assessment and Management Program

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

ECP	Environmental Compliance Program
ECRSC	Environmental Community Relations Steering Committee
EDC	Economic Development Conveyance
EE/CA	Engineering Evaluation/Cost Analysis
EIAP	Environmental Impact Analysis Process
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EIS/EIR	Environmental Impact Statement/Environmental Impact Report
EM	Environmental Management
EMO	Environmental Management - Management Support Division
EMP	Environmental Management - Pollution Prevention Division
EMR	Environmental Management - Restoration Division
EMT	Environmental Transitions Division
EPA	Environmental Protection Agency (U.S.)
EPCRA	Emergency Planning and Community Right-to-Know Act
EPIC	Environmental Process Improvement Center
ERA	Ecological Risk Assessment
ERC	Emissions Reduction Credit
ESA	Endangered Species Act
FAA	Federal Aviation Administration
FFSRA	Federal Facility Site Remediation Agreement
FGC	Field Gas Chromatograph
FIFRA	Federal Insecticide, Fungicide, Rodenticide Act
FOG	Foreign Origin Garbage
FONSI	Finding of No Significant Impact
FOSL	Finding of Suitability to Lease
FOST	Finding of Suitability to Transfer
FPMR	Federal Property Management Regulation
FS	Feasibility Study
FSP	Field Sampling Plan
FUD site	Formerly Used Defense Site
FY	Fiscal Year
GAC	Granular-Activated Carbon
GC	Gas Chromatograph
GC/MS	Gas Chromatograph/Mass Spectrometer
GIS	Geographic Information System
GMS	Geoscience Modeling System
gpm	Gallons Per Minute
GOCO	Government-Owned, Contractor-Operated
GSAP	Groundwater Sampling and Analysis Program
GTW	Geotechnical Workstation
GW	Groundwater
GWOU	Groundwater Operable Unit
GWTP	Groundwater Treatment Plant
HABS/HAER	Historic American Building Survey/Historic American Engineering Record
HARP	Health Activities Recommendation Panel

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

HDPE	High Density Polyethylene
HPMM	Historic Preservation Maintenance Manual
HM	Hazardous Materials
HMSC	Hazardous Material Support Center
HSMS	Hazardous Substance Management System
HUD	U.S. Department of Housing and Urban Development
HW	Hazardous Waste
HWTF	Hazardous Waste Treatment Facility
IAG	Interagency Agreement
IAP	Initial Accumulation Site
IC	Investigation Cluster
IDMS	Integrated Document Management System
IDW	Investigation-Derived Waste
INEL	Idaho National Engineering Laboratory
IRA	Interim Remedial Action
IROD	Interim Record of Decision
IRP	Installation Restoration Program
IRPIMS	Installation Restoration Program Information Management System
IWL	Industrial Wastewater Line
IWTP	Industrial Wastewater Treatment Plant
JAV	Judge Advocate (Environmental)
LBP	Lead-Based Paint
LGAC	Liquid-Phase Granular Activated Carbon
LGS	Supply Division
LRA	Local Redevelopment Authority
LTM	Long-Term Monitoring
LTO	Long-Term Operations
MAP	Management Action Plan
MAP3	Management Action Plan for Pollution Prevention
MAT K	Maintenance Apron Terminal No. K
MCL	Maximum Contaminant Level
mgd	Million Gallons Per Day
MOA	Memorandum of Agreement
MOGAS	Motor Gasoline
MOU	Memorandum of Understanding
MPRB	Military Priority Reserve Bank
mrem	Millirem
MS	Mass Spectrometer
MSDS	Material Safety Data Sheet
msl	Mean Sea Level
MW	Megawatt
NA	Not Applicable or Not Available
NAPL	Non-Aqueous Phase Liquid
NAGPRA	Native American Graves Protection and Repatriation Act

NC	Not Calculated
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NDI	Nondestructive Inspection
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFA	No Further Action
NFEI	No Further Ecological Investigation
NFI	No Further Investigation
NHPA	National Historic Preservation Act
NIOSH	National Institute of Occupational Safety and Health
NIP	Non-Inspected Product
NOC	Notice to Correct
Non-VOC	Non-Volatile Organic Compound
Non-VOC ROD	Non-Volatile Organic Compound Record of Decision
NOV	Notice of Violation
NO _x	Oxides of Nitrogen
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRA	Nuclear Regulatory Agency
NRC	Nuclear Regulatory Commission
NRHP	National Register of Historic Places
NSR	New Source Review
O&M	Operations and Maintenance
OA	Opportunity Assessment, Pollution Prevention
ODC	Ozone-Depleting Compound
OL-SM	Operating Location Site Manager
ORD	Office of Research and Development, U.S. EPA
OSHA	Occupational Safety and Health Act
OU	Operable Unit
O/WS	Oil/Water Separator
PA	Preliminary Assessment
PADRE™	Purus Adsorption Desorption Remediation Equipment (registered trademark)
PAH	Polycyclic Aromatic Hydrocarbon
PA/SI	Preliminary Assessment/Site Investigation
PBC	Public Benefit Conveyance
PBR	Permit by Rule
PBC	Public Benefit Conveyance
PCB	Polychlorinated Biphenyl
pCi/L	PicoCuries Per Liter
PCE	Perchloroethene (or Tetrachloroethene)
PET	Program Execution Team
PID	Photoionization Detector
PK or PKOP	Environmental Contracting
PM ₁₀	Particulate Matter Less Than 10 Microns in Aerodynamic Diameter
PMG	Project Management Group
PM/PC	Project Management/Program Control
P/O	Permit to Operate

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

POL	Petroleum-Based Fuel, Oil, and Lubricant
PP	Proposed Plan
ppb	Parts Per Billion
ppbv	Parts Per Billion by Volume
ppm	Parts Per Million
ppmv	Parts Per Million by Volume
PPM	Project Prioritization Model
PPP	Pollution Prevention Program
pptv	Parts Per Trillion by Volume
PRAC	Preplaced Remedial Action Contract, U.S. Army Corps of Engineers
PRL	Potential Release Location
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
R&D	Research and Development
RA	Remedial Action
RAB	Restoration Advisory Board
RACT	Reasonably Available Control Technologies
RAMP	Radon Assessment and Mitigation
RAAF	Royal Australian Air Force Program
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RD/RA	Remedial Design/Remedial Action
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
RIC	Radioisotope Committee
RICS	Remedial Investigation Characterization Summary
RMP	Accidental Release Prevention and Risk Management Plan
ROC	Reactive Organic Compound
ROD	Record of Decision
ROG	Reactive Organic Gas
RPM	Remedial Project Manager
RTR	Remote Transmitter/Receiver
RWQCB	Regional Water Quality Control Board
SA	Study Area
SACM	Superfund Accelerated Cleanup Model
SAF-MIQ	Deputy Assistant Secretary of the Air Force (Environmental Safety and Occupational Health)
SAP	Sampling and Analysis Plan
SARA	Superfund Amendments and Reauthorization Act
SBSS	Standard Base Supply System
scfm	standard cubic feet per minute
SCS	Site Characterization Study
SEBS	Supplemental Environmental Baseline Survey
SERDP	Strategic Environmental Research and Development Program
SGPB	Bioenvironmental Engineering

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

SHPO	State Historic Preservation Officer
SI	Site Investigation
SITE	Superfund Innovative Technology Evaluation
SIVE	Steam Injection Vapor Extraction
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMUD	Sacramento Municipal Utilities District
SOP	Standard Operating Procedure
SO _x	Oxides of Sulfur
SPA	Special Planning Area
SPR	Spill Prevention and Response Plan
SPCC	Title III Emergency Planning and Community Right to Know Act Spill Prevention Control and Countermeasures Plan
SPR	Spill Prevention and Response Plan
SRCSD	Sacramento Regional County Sanitation District
SRWTP	Sacramento County Regional Wastewater Treatment Plant
SSEBS	Site-Specific Supplemental Environmental Baseline Survey
SVE	Soil Vapor Extraction
SVMW	Soil Vapor Monitoring Well
SWMU	Solid Waste Management Unit
TBD	To Be Determined
TCA	Trichloroethane
TCE	Trichloroethene
TEAM	The Environmental Assessment and Management
TF	Tank Farm
TID	Distribution Division
TIS	Technical Information System
TOD	Technical Operations Division
TPE	Two Phase Extraction
TPH	Total Petroleum Hydrocarbon
TQ	Total Quality
TRACON	Terminal Radar Approach Control
TRC	Technical Review Committee
TSCA	Toxic Substances Control Act
TSDF	Treatment, Storage, and Disposal Facility
UBC	Uniform Building Code
USACE	U.S. Army Corps of Engineers
USAF	United States Air Force
U.S. EPA	U.S. Environmental Protection Agency
USACE	U.S. Army Corps of Engineers
USCAR	U.S. Council for Automotive Research
USCG	U.S. Coast Guard
USFWS	U.S. Fish and Wildlife Service
UST	Underground Storage Tank
UV/OX	Ultraviolet Light/Oxidation
UXO	Unexploded Ordnance
VOC	Volatile Organic Compound
VOC ROD	Volatile Organic Compound Record of Decision

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

WGA	Western Governors' Association
WIMS-ES	Work Information Management System—Environmental Subsystem

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